



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY
Blue Ridge Regional Office

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February 20, 2009

Mr. Chuck Moore
Live Production Manager-Crewe Feed Mill
Tyson Foods, Inc.
13264 Mountain Road
Glen Allen, VA 23059

Re: Technical and Laboratory Inspection Report
Tyson Foods, Inc.-Crewe Feed Mill- VPDES Permit Number VA0090131

Dear Mr. Moore:

For your review I have enclosed the Technical and Laboratory Inspection Report for the inspection, which took place on February 5, 2009. Please read the report, giving special attention to the comments and recommendations.

I would like to thank Mr. Lockhart and Mr. Shaw for their time, cooperation, and assistance during the inspection and for providing me with the pertinent documentation, which I requested.

If you have any questions regarding the reports, please feel free to contact me at the above address, by telephone (434) 582-6208, or by e-mail at slbowman@deq.virginia.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephanie Bowman".

Stephanie Bowman
Water Compliance Inspector

Enclosure

cc: DEQ/BRRO-L: File

Virginia Department of Environmental Quality

FOCUSED CEI TECH/LAB INSPECTION REPORT

FACILITY NAME: Tyson Foods, Inc.-Feed Mill		INSPECTION DATE: 02-05-09	
PERMIT No.: VA0090131		INSPECTOR: Stephanie Bowman	
TYPE OF FACILITY: <input type="checkbox"/> Municipal <input type="checkbox"/> Major <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Minor <input type="checkbox"/> Federal <input checked="" type="checkbox"/> Small Minor <input type="checkbox"/> HP <input type="checkbox"/> LP		TIME OF INSPECTION:	Arrival 9:45 Departure 11:45
		TOTAL TIME SPENT (including prep & travel)	<u>8 hours</u>
PHOTOGRAPHS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		UNANNOUNCED INSPECTION? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
REVIEWED BY / Date: <u>YTD</u> 2-17-09			
PRESENT DURING INSPECTION: Tim Lockhart, Chuck Moore, Doug Shaw-Tyson Foods Staff Leah Revelle-Permit Writer, Tim Fletcher-Petroleum Compliance Inspector-Multi Media Inspection			

TECHNICAL INSPECTION

1. Has there been any new construction? • If so, were plans and specifications approved? Comments:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. Is the Operations and Maintenance Manual approved and up-to-date? Comments: <u>O & M not required</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Are the Permit and/or Operation and Maintenance Manual specified licensed operator being met? Comments: <u>Licensed Operator not required</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Are the Permit and/or Operation and Maintenance Manual specified operator staffing requirements being met? Comments: <u>NA</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Is there an established and adequate program for training personnel? Comments:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6. Are preventive maintenance task schedules being met? Comments:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Does the plant experience any organic or hydraulic overloading? Comments:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. Have there been any bypassing or overflows since the last inspection? Comments:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9. Is the standby generator (including power transfer switch) operational and exercised regularly? Comments: <u>NA</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
10: Is the plant alarm system operational and tested regularly? Comments: <u>NA</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

TECHNICAL INSPECTION

1. This facility is now covered under permit number VA0090131. The industrial storm water permit number VAR050584, has been combined with the individual permit number listed above.
2. The VPDES permit requires a SW3P but does not require an O&M Manual.
3. The VPDES permit does not require a certified operator to run the treatment works.
4. The VPDES Permit requires the facility to perform analytical monitoring for Flow, pH, Total Suspended Solids, and COD 1/3 months. The monitoring frequency for dissolved lead, copper and zinc is 1/6 months. The staff has been conducting E. coli testing for the new permit reissuance.
5. The Permit also requires the facility to perform quarterly visual monitoring of the storm water quality leaving the site and to perform a comprehensive site compliance evaluation annually to assess the effectiveness of the SW3P.
6. *At the time of the inspection, the staff did not appear to have records for the annual site compliance evaluation. The last inspection documented was conducted on 12-31-07.*
7. The facility has a VPDES Permit to discharge its boiler blow-down and water softener regeneration backwash.
8. The boiler utilizes potable water, which the staff treats on site. (The staff adds soda ash and passes the water through a water softener.)
9. The boiler blow-down flows into a Nalgene tank where the pH is adjusted utilizing sulfuric acid.
10. The boiler blow-down and the water softener regeneration backwash discharge into a drop-drain in the boiler building.
11. *The wastewater then flows by gravity through an underground pipe to a shallow channel, which is along the railroad tracks, and discharges into outfall 001 which in turn combines with storm water and discharges into outfall 002. The staff indicated that the final discharge outfall is outfall 003; the last inspector noted it was outfall 002.*
12. *At the time of the inspection, the outfalls were not numerically marked to identify where the monitoring is conducted.*
13. On the day of the inspection, the treatment works appeared to be well maintained and in good working order and the plant grounds appeared to be well swept. There was no evidence of track out of product from the truck loading activities.
14. On the day of the inspection there was no evidence of erosion, an oil sheen, excess solids, unusual color, or odor at the outfall.
15. The staff indicated that vehicle washing was occurring inside the maintenance shop bay that is equipped with an oil/water separator. The contents are pumped out by C C Powell in Victoria, Virginia.